



Effect of the use of a video tutorial in addition to simulation in learning the maneuvers for shoulder dystocia

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Auteur	Gonzalves, A [1], Verhaeghe, Caroline [2], Bouet, Pierre-Emmanuel [3], Gillard, Philippe [4], Descamps, Philippe [5], Legendre, Guillaume [6]
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Résumé en anglais	<p>The development of video tutorials is flourishing and may make it possible to maintain knowledge learned during instruction with simulation. The aim of this study was to assess the effect of adding a video tutorial to a lecture and simulation for learning the maneuvers and protocol for the management of shoulder dystocia. Student midwives and medical students attended a lecture class including instruction about maneuvers and a presentation of an algorithm for the management of shoulder dystocia. They were randomized into two groups. The video group was reminded every two weeks to watch a short tutorial. The control group was reminded to consult the slide show. At the end of two months, they were evaluated by graders. The practice, theory, and global scores of the students in the video group were significantly higher than those of the students in the control group (14.8 vs. 10.4; 5.6 vs. 3.4; and 9.3 vs. 7.0, $P < 0.001$). The scores for the video group improved at the second simulation session, compared with the first (14.8 vs. 9.9; 5.6 vs. 2.9; and 9.3 vs. 7, $P < 0.001$). The addition of a video tutorial improved learning compared to a standard lecture and simulation session alone.</p>
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- [1] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=38497>
- [2] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30793>
- [3] <http://okina.univ-angers.fr/pbouet/publications>
- [4] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=39439>
- [5] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=16486>
- [6] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30095>
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- [20] <https://www.sciencedirect.com/science/article/abs/pii/S2468784718300436?via%3Dihub>
- [21] <http://www.ncbi.nlm.nih.gov/pubmed/29391292?dopt=Abstract>

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